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Marine Ecology Progress Series (MEPS) is edited in cooperation with the Editorial Advisors (EAs) listed below and about 400 Anonymous Referees. EAs are appointed for a 4-year period; re-appointment is possible. They critically evaluate the scientific merits of submitted manuscripts. EAs also recommend authors and topics for reviews to be published in MEPS. Their addresses and fields of expertise are detailed at the end of the last (3rd) issue of each volume, together with the volume contents.

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Nitrogen metabolism of phytoplankton

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Physiological ecology of phytoplankton

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Trace element metabolism

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Environmental effects on fishes (incl. deep sea)

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Environmental effects on invertebrates; reproduction, development

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Physiological ecology and reproductive biology of estuarine and marine benthic macroalgae

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Effects of pollution on marine communities

PHYSIOLOGICAL MECHANISMS

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Behavioural physiology of fish; feeding; predation of fish larvae

Browman, H. I., Dr
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Foraging behavior and development of (sensory) organs, especially in fishes

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Physiology and ecology of corals

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Population genetics; evolutionary mechanisms in populations; biochemical and molecular genetic analyses of invertebrates

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Feeding, respiration and nutrient regeneration of protozoans

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Physiology and biochemistry of zooplankton

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Biological rhythms

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Physiology and biochemistry of microalgae (laboratory and field); nitrogen metabolism

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Chemosensory behavior; mathematical models

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Osmoregulation in estuarine invertebrates

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Behavioural physiology; invertebrate biology

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Chemical defense of invertebrates; antifouling, chemical cues

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Ecophysiology and toxicology of algae; cellular biology; behavior of algae

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Phytoplankton physiology and ecology

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Physiological energetics of invertebrates, incl. metabolic calorimetry; symbioses; hyperoxia and oxidative stress; effects of UV light; sea anemone biology

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Mechanisms of cellular resistance and control

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MARINE ECOLOGY PROGRESS SERIES

HISTORY: Marine Ecology Progress Series (MEPS) was established in response to requests from numerous marine ecologists from all over the world. When founded, MEPS was based on 'Marine Ecology' – the first comprehensive, integrated treatise on life in oceans and coastal waters – conceived, organized and edited by Professor Otto Kinne, and published by John Wiley & Sons.

AIM: MEPS serves as a world-wide forum for all aspects of marine ecology, fundamental and applied. The journal covers: microbiology, botany, zoology, ecosystem research, biological oceanography, ecological aspects of fisheries and aquaculture, pollution, environmental protection, conservation, resource management.
Ecological research has become of paramount importance for man's future. The information presented here should, therefore, encourage critical application of ecological knowledge for the benefit of mankind and, in fact, of life on earth. Marine Ecology Progress Series has received recognition as the leader in its field. The journal strives for

- complete coverage of the field of marine ecology
- the highest possible quality of scientific contributions
- quick publication
- a high technical standard of presentation.

SCOPE: MEPS is international and interdisciplinary. It presents rigorously refereed and carefully selected research articles, reviews and notes, as well as comments, concerned with:

Environmental Factors: Tolerances and responses of marine organisms (microorganisms, autotrophic plants, and animals) to variations in abiotic and biotic components of their environment; radioecology.

Physiological Mechanisms: Synthesis and transversion of organic material (mechanisms of auto- and heterotrophy); thermo-, ion-, osmo- and volume-regulation; stress resistance; non-genetic and genetic adaptation; population genetics; orientation in space and time; migrations; behavior; molecular basis of ecological processes.

Cultivation: Maintenance and rearing of, as well as experimentation with, marine organisms under environmental and nutritional conditions which are, to a considerable degree, controlled; analysis of the physiological and ecological potential of individuals, populations and species; determination of nutritional requirements; ecological aspects of aquaculture; water-quality management; culture technology.

Dynamics: Production, transformation, and decomposition of organic matter; flow patterns of energy and matter as these pass through organisms, populations and ecosystems; biodiversity; variability of ecosystem components; trophic interrelations; population dynamics; plankton ecology; benthos ecology; estuarine and coastal ecology; wadden-sea ecology; coral reef ecology; deep-sea ecology; open-ocean ecology; polar ecology; theoretical ecology; ecological methodology; ecological modelling and computer simulation.

Ocean Management: Human-caused impacts: their role as modifiers and deformers of living systems, their biological consequences and their management and control; inventory of living resources in coastal areas, estuaries and open oceans; ecological aspects of fisheries; pollution of marine areas and organisms; protection of life in the seas; management of populations, species and ecosystems; management of coastal zones and sea areas; biotechnology.

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